

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1127	361/688	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:19
S3	650	S1 and (cylindrical or circular or (semi-cylindrical or semi-circular housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:25
S4	330640	"257"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:37
S5	74292	"165"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:37
S7	103	S4 and S5 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 11:38
S8	11	("3961996"   "5636234"   "5638391"   "5729561"   "6172382"   "6185238"   "6195375"   "6301278"   "6303405"   "6479325").PN. OR ("6720581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 11:38
S9	8	("5005178"   "5022035"   "5382758"   "5706302").PN. OR ("6301278").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 11:39
S10	32	("20010017964"   "20010021054"   "20020090013"   "20020141142"   "20020180956"   "20020181522"   "20030002547"   "20030002826"   "20030020998"   "20030021310"   "20030043868"   "20030086243"   "20030099273"   "4949930"   "5235248"   "5537504"   "5744848"   "5838703"   "5974066"   "6031253"   "6074102"   "6227723"   "6301278"   "6302596"   "6314117"   "6420205"   "6426591"   "6526078"   "6527460"   "6542647"   "6611541"   "6654394").PN. OR ("6920161").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 11:39
S11	8	("5005178"   "5022035"   "5382758"   "5706302").PN. OR ("6301278").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 11:41

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S12	11	("3961996"   "5636234"   "5638391"   "5729561"   "6172382"   "6185238"   "6195375"   "6301278"   "6303405"   "6479325").PN. OR ("6720581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 12:08
S13	25	glovatsky-Andrew.in. or stoica-vladimir.in. or visteon-global-technologies.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:09
S14	20	("20030048611"   "3434014"   "3755891"   "4051414"   "4399488"   "4400858"   "4513064"   "4810917"   "4833568"   "4858068"   "5105337"   "5204806"   "5251099"   "5586004"   "5621617"   "6351383"   "6404637"   "6501653"   "6707670").PN. OR ("6778389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 12:10
S15	16	("3963919"   "4456844"   "4603238"   "4728834").PN. OR ("4810917").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 12:11
S16	20	("20030048611"   "3434014"   "3755891"   "4051414"   "4399488"   "4400858"   "4513064"   "4810917"   "4833568"   "4858068"   "5105337"   "5204806"   "5251099"   "5586004"   "5621617"   "6351383"   "6404637"   "6501653"   "6707670").PN. OR ("6778389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 12:11
S17	16	("3277346"   "4880050"   "5063475").PN. OR ("5586004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 12:11
S18	15	("4400858"   "4514784"   "4542442"   "4858068"   "4956746"   "5105337"   "5251099").PN. OR ("5621617").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 12:36
S19	0	transistor near substrate near (annular adj disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:37
S20	0	(electronic) near substrate near (annular adj disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:38
S21	5	(electronic) same substrate same (annular adj disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:39

## EAST Search History

S22	13603	(annular adj (disk or disc))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:39
S23	0	(annular adj (disk or disc)) near (substrate) near electronic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:39
S24	0	(annular adj (disk or disc)) near (substrate or board) near electronic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:39
S25	0	((annular or circular or cylindrical) adj (disk or disc)) near (substrate or board) near electronic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:40
S26	176	((annular or circular or cylindrical) adj (disk or disc)) near (substrate or board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:42
S27	266	((annular or circular or cylindrical) adj (disk or disc or tube or cavity or cas\$3)) near (substrate or board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:45
S28	200061	((annular or circular or cylindrical) adj (disk or disc or tube or cavity or cas\$3 or housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:46
S29	433	S28 and ((substrate or board) near (electronic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 12:59
S30	31	"4858068"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:00
S31	16	"4757157"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:00
S32	19	"4184539"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 13:01

## EAST Search History

S33	39	("2832012"   "2976806"   "3083259"   "3500130"   "3539874"   "3699394"   "3833836"   "3847703"   "3953662"   "4053943"   "4072378"   "4092697"   "4112481"   "4184539"   "4225900"   "4386390"   "4400858"   "4447842"   "4521829"   "4528615"   "4536710"   "4542437"   "4547833"   "4577386"   "4602125"   "4633248"   "4668873").PN. OR ("4855870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 13:02
S34	30	("3534229"   "3911217"   "4190123"   "4400858"   "4479383").PN. OR ("4547833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 14:03
S35	2326113	WO 01/13692	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:03
S36	0	01/13692	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:03
S37	2	BAKKA-OLAV.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:05
S38	2	Hilditch-michael.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:04
S39	2	olsen-geir.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/23 14:05
S40	1133	361/688	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 13:55
S41	909	361/689	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:10
S42	29	S40 and (cylindrical and housing and wall\$1 and (circuit adj board))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:02

## EAST Search History

S43	12	S40 and (cylindrical and housing and channel and wall\$1 and (circuit adj board))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 13:58
S44	34	S41 and (cylindrical and housing and wall\$1 and (circuit adj board))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:50
S45	140	361/693	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:10
S46	2024	361/690	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:54
S47	52	("3024298"   "3609991"   "4154296"   "4519447"   "4572286"   "4619316"   "4653579"   "4698728"   "4704658"   "4750086"   "4796155"   "4799543"   "4823863"   "4862321"   "4866570"   "4870477"   "4893590"   "4920574"   "4928206"   "4966226"   "5000256"   "5052476"   "5099908"   "5103899"   "5138524"   "5212626"   "5216580"   "5262921"   "5263536"   "5390077").PN. OR ("5529115"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:49
S48	11	"5390076"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 14:56
S49	23	("4226281"   "4882654"   "4928207"   "4942497"   "4977444"   "5023695"   "5166863"   "5384687").PN. OR ("5463528"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:56
S50	14062	(cylindrical and housing and wall\$1 and (circuit adj board))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:50
S51	1234	((cylindrical ADJ housing) and wall\$1 and (circuit adj board))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 15:51

## EAST Search History

S52	415	((cylindrical ADJ housing) and wall\$1 and (circuit adj board) AND CHANNEL)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:29
S53	12	("2910672"   "2976806"   "3029368"   "3234433"   "3340439").PN. OR ("3597659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:28
S54	1133	((cylindrical or spherical) adj housing) and wall\$1 and (circuit adj board) and (channel or opening or hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:32
S55	248	((cylindrical or spherical) adj housing) and wall\$1 and (circuit adj board) and (channel or opening or hole) and cooling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/03 16:32
S56	26	("2184809"   "2229912"   "2522171"   "2601248"   "3113621"   "3123101"   "3294121"   "3543377"   "3602263"   "4309128"   "4457647"   "4648746"   "4674914"   "Re23381").PN. OR ("4756644").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:38
S57	1223	361/398	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:45
S58	6	S57 and (cylindrical adj housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:31
S59	11	"4538025"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:53
S60	14	"5373418"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:54
S61	14	"5814909"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:55
S62	13	"5914860"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 11:55

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S63	14	("4538025"   "5373418"   "5814909"   "5914860"   "5940272"   "5966291").PN. OR ("6501653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 11:56
S64	20	"5841638"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:42
S65	24	("3904934"   "4520427"   "4574331"   "4833568"   "4944401"   "4953005"   "5053967"   "5128831"   "5130894"   "5160320"   "5251099"   "5407505"   "5412538"   "5426563"   "5499164"   "5536177").PN. OR ("5841638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 16:44
S66	6	"5798910"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:46
S67	1977	361/736	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:47
S68	124	S67 and ((cylindrical or cylinder) and housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:52
S69	3501	361/752	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:51
S70	267	S69 and ((cylindrical or cylinder) and housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:58
S71	1429	361/803	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 16:58
S72	69	S71 and ((cylindrical or cylinder) and housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 17:41
S74	1854	361/796	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 17:41

## EAST Search History

S75	124	S74 and ((cylindrical or cylinder) and housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 17:43
S76	2825	174/52.1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 17:43
S77	234	S76 and ((cylindrical or cylinder) and housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 17:44
S78	37	("3054024"   "3299403"   "3403300"   "3761858"   "3818283"   "4520427"   "4734825"   "4773868"   "4858072"   "4866219"   "5241455").PN. OR ("5568356"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 17:48
S79	37	("3054024"   "3299403"   "3403300"   "3761858"   "3818283"   "4520427"   "4734825"   "4773868"   "4858072"   "4866219"   "5241455").PN. OR ("5568356"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 17:52
S80	46	("3495134"   "4401351"   "4423465"   "4499607"   "4501460"   "4680674"   "4937659"   "5006961"   "5150279"   "5216579"   "5227957"   "5311397"   "5331509"   "5345779"   "5426738"   "5449859"   "5467609"   "5472347"   "5499164"   "5515239"   "5568356"   "5568361"   "5583749"   "5586004"   "5602721"   "5604662"   "5608608"   "5625780"   "5676553"   "5680579"   "5691885"   "5726922"   "5737189"   "5825627"   "5834843"   "5861873"   "5897400"   "5909357"   "5941714"   "5966292"   "5978821"   "6008530"   "6027828"   "6147877").PN. OR ("6469901").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 17:53
S81	16	("3277346"   "4880050"   "5063475").PN. OR ("5586004"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 18:00
S82	11	"5857974"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/04 18:00



## EAST Search History

S83	12	"5204806"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:13
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